

OHIO SEA GRANT PROGRAM 2010 NSGO REVIEW

Jon Eigen, Program Officer

Map of Ohio and Lake Erie

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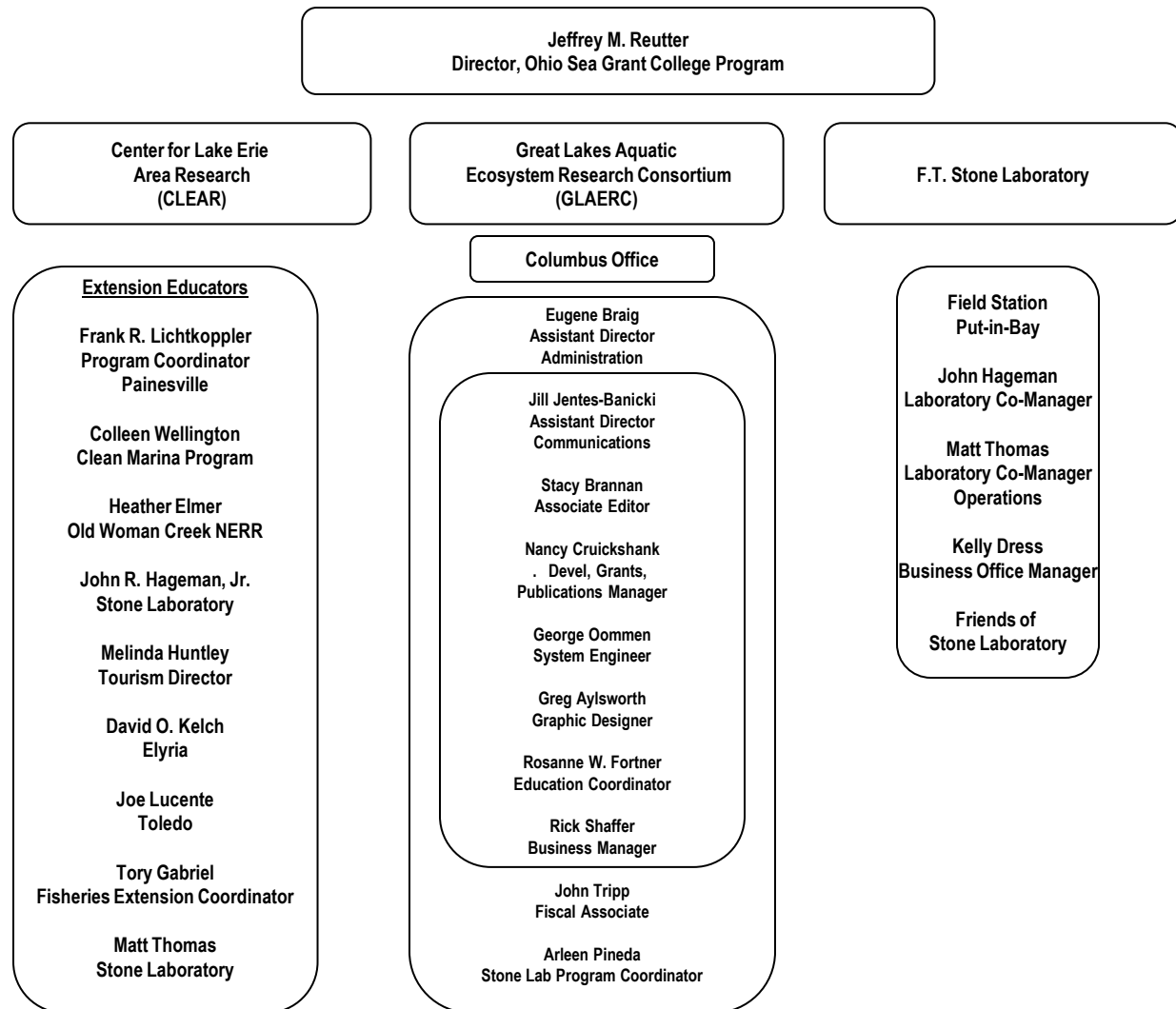
□ Management Team

- ▣ Director, Jeff Reutter, (.75 FTE)
- ▣ Assistant Director, Eugene Braig, (1.0 FTE)
- ▣ Extension Leader, Frank Lichkoppler, (1.0 FTE)
- ▣ Asst. Dir Communications, Jill Banicki, (1.0 FTE)
- ▣ Business Manager, Rich Shaffer, (1.0 FTE)

Program Organizational Chart

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Extension Program

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- Part of Ohio State University Extension since 1980.
- 8 Extension specialists; are all part of OSU Extension.
- The 3 newest agents participated in National Sea Grant's agent training program last year.
- Program has a 9th “adopted” agent, Old Woman Creek NERR Coastal Training Program Coordinator.
- All 9 agent offices' are along Ohio's 260+ mile Lake Erie shoreline.

Program Management – Advisory Board

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- Each extension agent has an advisory committee and the two agents at Stone Laboratory use Board of Directors of the Friends of Stone Lab as their committee.
- Together these committees have over 130 members.
- Very active and participate in fund raising activities, hosting meetings (e.g. State Leg./Congressional Day), staffing booths at sport shows, volunteer in our offices and labs, and lead visitors at the South Bass Island Lighthouse and Gibraltar Island.
- Director participates in all committee meetings and also uses the advice from his counterparts on the IJC Council of Great Lakes Research Managers, Lake Erie Millennium Network, GLRRIN, and the Coastal Resources Advisory Group (Old Woman Creek, Ohio Coastal Management Program, and the Lake Erie Commission).

Program Management – Advisory Board (con't) OH SG

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Senior Advisory Board Members

Formally Coastal Resources Advisory Group

Now the Lake Erie Partnership

Jeff Reutter, Director, Ohio Sea Grant

John Watkins, Director, Ohio Coastal Management Program

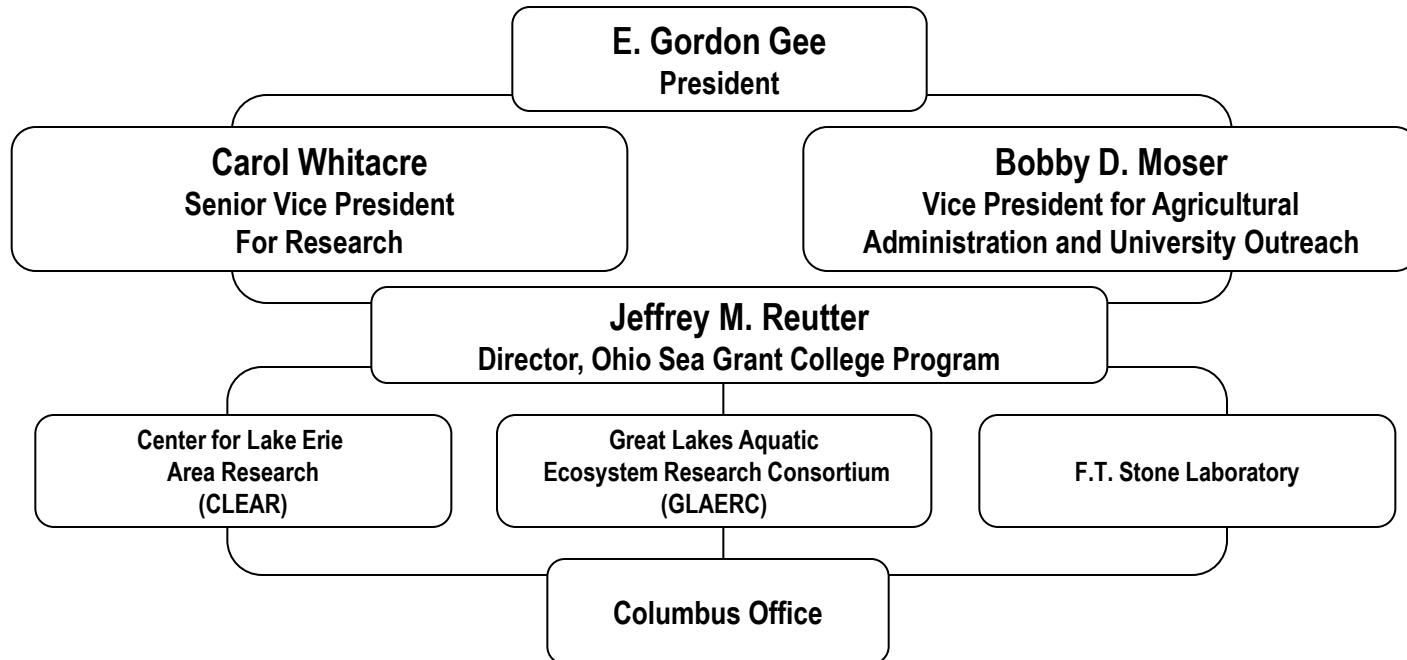
Frank Lopez, Manager, Old Woman Creek NERR

Ed Hammett, Director, Lake Erie Commission

Institutional Setting

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State Sea Grant Program Plan – Estimated 4-yr Budget Allocation by Focus Area

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| National Focus Area | Focus Area from Program Strategic Plan | Estimated Level of Effort of Federal, Match and Leveraged (%) | Estimated Level of Effort of Federal and Match (\$) | Estimated Level of Effort of Leveraged (\$) |
|--|--|---|---|---|
| Safe & Sustainable Seafood Supply | Same | 5% | \$360,000 | \$240,000 |
| Sustainable Coastal Development | Same | 43% | \$3,096,000 | \$2,064,000 |
| Healthy Coastal Ecosystems | Same | 42% | \$3,024,000 | \$2,016,000 |
| Hazard Resiliency in Coastal Communities | Same | 10% | \$720,000 | \$240,000 |
| | | | | |
| Total | | | \$6,400,000 | \$4,800,000 |
| | | | | |

Performance Measure/Outcome Highlights

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□ Sustainable Coastal Development

▣ Performance Measure:

- By 2013, 10 coastal communities are engaged in activities (i.e. visioning, resource inventories, analysis of development policies) or making informed development decisions that address the sustainability of economic and environmental resources as a result of Ohio Sea Grant's capacity building, tools, data, technologies, and/or education of community leaders.

□ Healthy Coastal Ecosystems

▣ Performance Measure:

- By 2013, 20 acres of degraded ecosystems have been restored with significant Ohio Sea Grant facilitation, research or other support.

Performance Measure/Outcome Highlights

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□ Hazard Resiliency

□ Performance Measure:

- By 2013, 20 coastal communities and 1,000 citizens have been provided with information and/or trained in local hazard resiliency and hazard mitigation tools, techniques, and best practices.

□ Safe and Sustainable Seafood

□ Performance Measure:

- By 2013, Ohio Sea Grant will have reached 5,000 with education and outreach related to the Lake Erie fishery.

Major Partners

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- Federal: 8 – NOAA, GL Environmental Lab, NERR, Interior
- Regional: 4 – Great Lakes Commission,
- Local and State: 32 – OHIO DNR,
- NGO: 64
- International: 4 – Int. Joint Commision, Int. Assoc. of Great Lakes Research
- Industry/Business: 72
- Academic: 35
- Sea Grant Programs: 6 – Primarily Great Lakes Programs
- **Total: 225**

Network Activities - 2009

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- Ohio Sea Grant Leads the Great Lakes Regional Research Information Network and the Lake Erie Millennium Network
- Jeff Reutter chaired the Education subpanel for the Ocean Research and Resources Advisory Panel
- Eugene Braig was voted Chair elect of the SGA Research Coordinators.

2010 RFP Process

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- *Advisory Board input to RFP Process*
- *RFP requested all NSGO strategic areas with focus on Lake Erie.*
- *Special Emphasis on projects that:*
 - Enhance the economic value of Lake Erie
 - Enable improved management of Lake Erie
 - create jobs and enhance economic activity through improved practices, product creation, and specialized training
 - Human dimensions studies documenting the economic value of Lake Erie natural resources and the impact of cleaning up Lake Erie Areas of Concern
 - Further Priority given to projects at Old Woman Creek NERR, joint funded by NERR and Sea Grant.

2010 RFP Process

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- ▣ *Proposals are reviewed by advisory board, Members are mostly from within Ohio but without conflict of interest.*
- ▣ *Proposals are also reviewed by management team, Ex Reutter to evaluate the extension potential of the project.*

2008/2009 Program Metrics – Awards and Honors

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- ❑ 2008 Outdoor Writers of Ohio Annual Conference, 2nd Place
- ❑ 2008 Epsilon Sigma Phi, Honorable Mention for Shipwrecks brochure
- ❑ 2008 Epsilon Sigma Phi, 1st Place for shipwrecks web site
- ❑ 2008 Epsilon Sigma Phi Tools 1st Place for best article
- ❑ 2008 APEX Award for Best Newsletter
- ❑ 2008 APEX Award for Best Feature Series
- ❑ 2009 APEX Award for Best Web Site
- ❑ 2009 Epsilon Sigma Phi, 1st Place Award for Educational Exhibit
- ❑ 2009 Epsilon Sigma Phi, 1st Place Award for Publications
- ❑ **2009 OSU nominee for the C. Peter Magrath Engagement Award, the top outreach honor for the National Associations of State Universities and Land Grant Colleges**
- ❑ 2009 GLSGN Great Lakes Outreach Superior Programming Award
- ❑ 2009 GLSGN Mid-Career Award
- ❑ 2009 Lake Erie Commission Award

2008/2009 Highlights of Metrics

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| | |
|---|--|
| Endowment \$1.275 Million, \$60,000+ Interest | \$120,000 New Donations |
| Additional Leveraged funds | 297K for Stone Lab 201K for CLEAR |
| Students Supported Omnibus | 7 MS, 10 PHD, 22 Undergraduate |
| Peer Reviewed Publications | 16 |
| Stone Lab Activities Camps/Labs, Workshops | 116 reaching 79646 participants |
| Sponsored/organized meetings, workshops and conferences: 249 | Public Presentations: 660 Attendees at presentations: 16783 |

2008/2009 Program Impacts

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- 1. Sixteen members of the tourism industry from throughout the State of Ohio graduated from the Ohio Tourism Leadership Academy in 2009 and 14 tourism officials are currently enrolled.**
- 2. Sea Grant broadens its public reach in 2008 with more media attention and increased web site activity.**
- 3. Congressional Day leads to new day for Coastal County Commissioners and Mayors.**
- 4. Ohio Clean Marinas Program and its innovative Shrinkwrap recycling project help Lake Erie marinas recycle and save money.**
- 5. Sea Grant helps Ohio regulation and recreation adapt to regionally invasive disease.**

2008/2009 Research Accomplishments

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- **Sea Grant assists water treatment plant operators deal with HABs.**
 - ▣ At the request of OEPA and water treatment plant operators, the program hosted an algal identification workshop at Stone Lab in 2009 to help resource managers and operators identify HABs. In addition to the target audiences in Ohio, participants came from Georgia, Tennessee, Kentucky, Indiana, and Wisconsin. Course evaluations were very high and the program expects to offer it in 2010.

2008/2009 Research Accomplishments

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- **Phosphorus research leads to new state and federal programs.**
 - ▣ Phosphorus and HAB research and education in late 90s resulted in \$500,000 grant from EPA and national focus on issue. Three current projects have shown the levels of soluble reactive phosphorus and HABs are continuing to increase. Three of our projects have shown that dredging and turbidity contribute to the problem, phosphonates from herbicides contribute, and winter algae may be a problem. This work was instrumental in Ohio forming their Phosphorus Task Force and OEPA's focus on eliminating open lake disposal of dredging materials. We also successfully competed and won all 7 new awards totaling \$750,000 from EPA and LEPF to work on this issue.

Best Management Practices

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- **Development of Lake Erie Partnership with Old Woman Creek NERR, Ohio Coastal Management Program, and Lake Erie Commission**
- **Co-funding projects with Lake Erie Commission and Old Woman Creek NERR**
- **GLRRIN incorporated into permanent regional infrastructure by USEPA and Environment Canada (Binational Executive Committee)**
- **Now have 16 endowments to support research, education and outreach**
- **Better management and use of grants, volunteers, and donations eliminates \$350,000 annual operating deficit at Stone Laboratory**
- **Coastal County Commissioners and Mayors Day on Lake Erie implemented to match State Legislature/Congressional Day on Lake Erie**